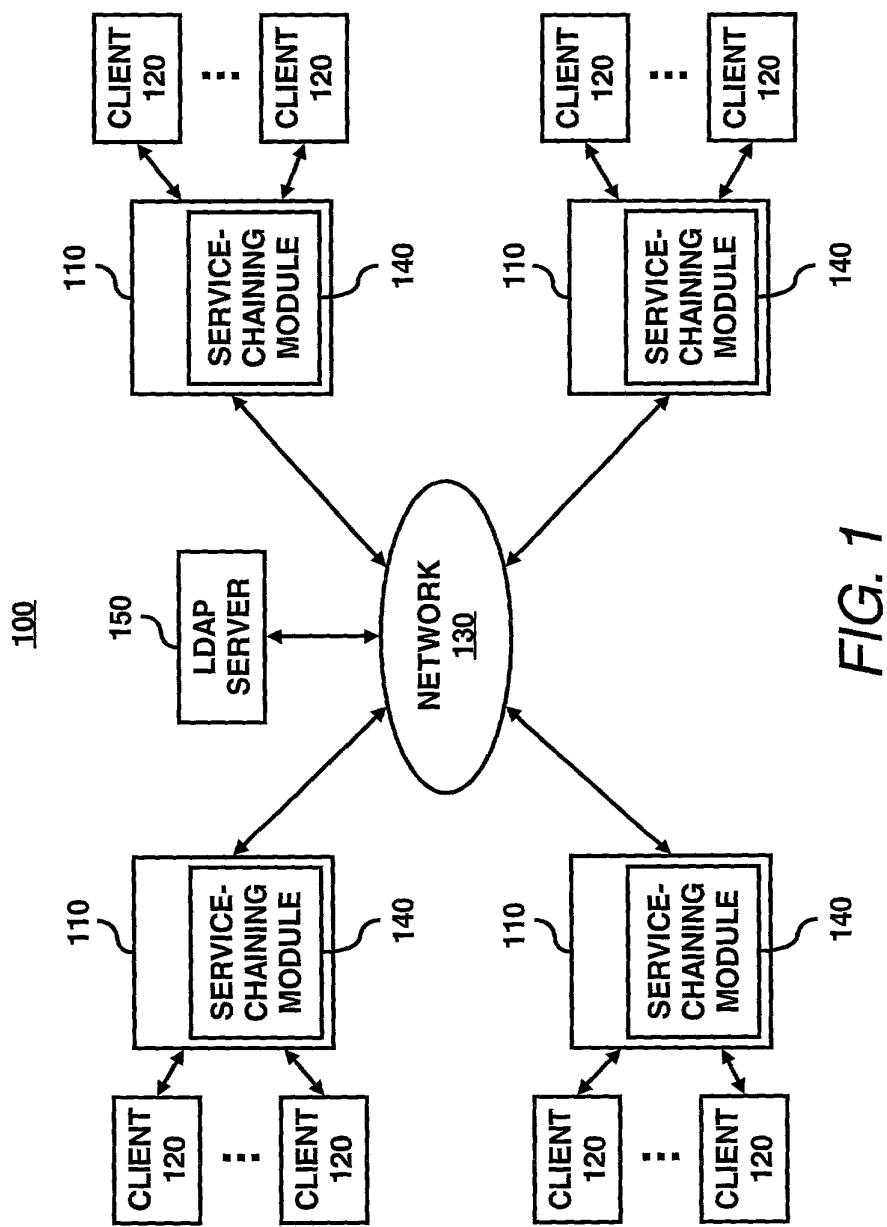SYSTEM FOR OPTIMIZING THE INVOCATION
OF COMPUTER-BASED SERVICES DEPLOYED
IN A DISTRIBUTED COMPUTING ENVIRONMENT
Todd LAGIMONIER et al.
Docket No. 003636.0114

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FIG. 1

SYSTEM FOR OPTIMIZING THE INVOCATION
OF COMPUTER-BASED SERVICES DEPLOYED
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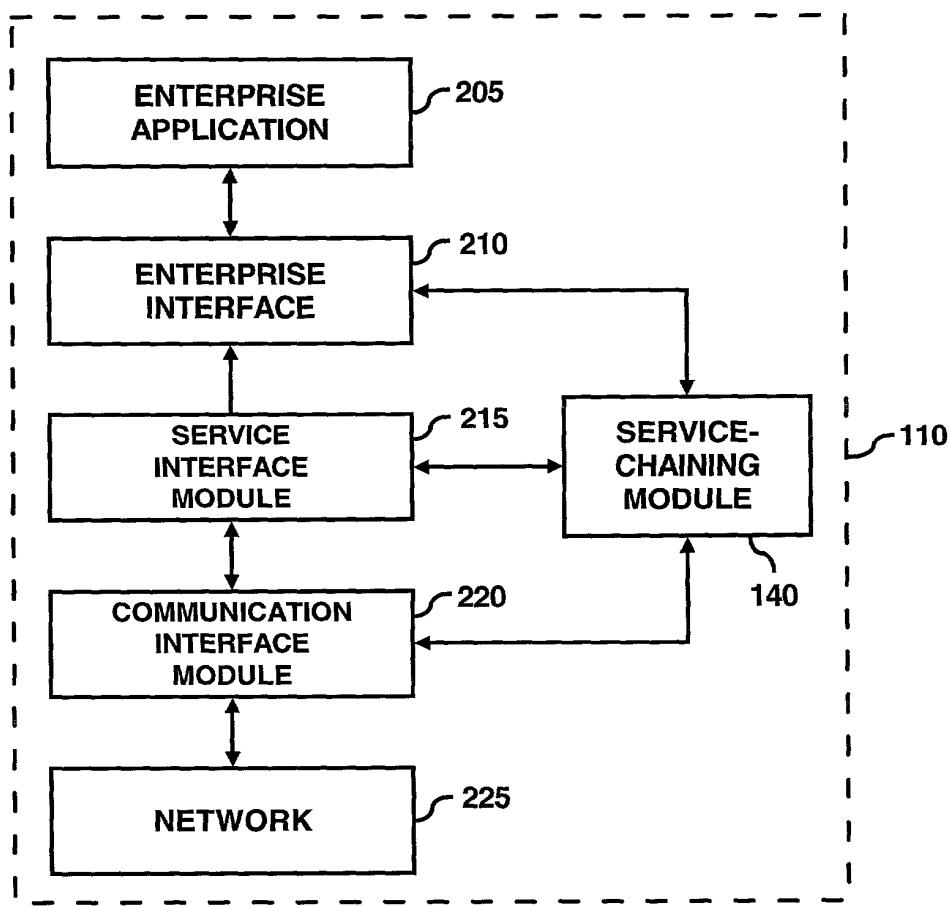
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FIG. 2

SYSTEM FOR OPTIMIZING THE INVOCATION
OF COMPUTER-BASED SERVICES DEPLOYED
IN A DISTRIBUTED COMPUTING ENVIRONMENT
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IDLE STATE — 305

DETECT REQUEST — 310

INITIALIZE MESSAGE OBJECT — 315

RETRIEVE ITINERARY FOR REQUEST — 320

PACKAGE DATA AND ITINERARY INTO MESSAGE OBJECT — 325

FORWARD MESSAGE OBJECT — 330

FIG. 3

SYSTEM FOR OPTIMIZING THE INVOCATION
OF COMPUTER-BASED SERVICES DEPLOYED
IN A DISTRIBUTED COMPUTING ENVIRONMENT
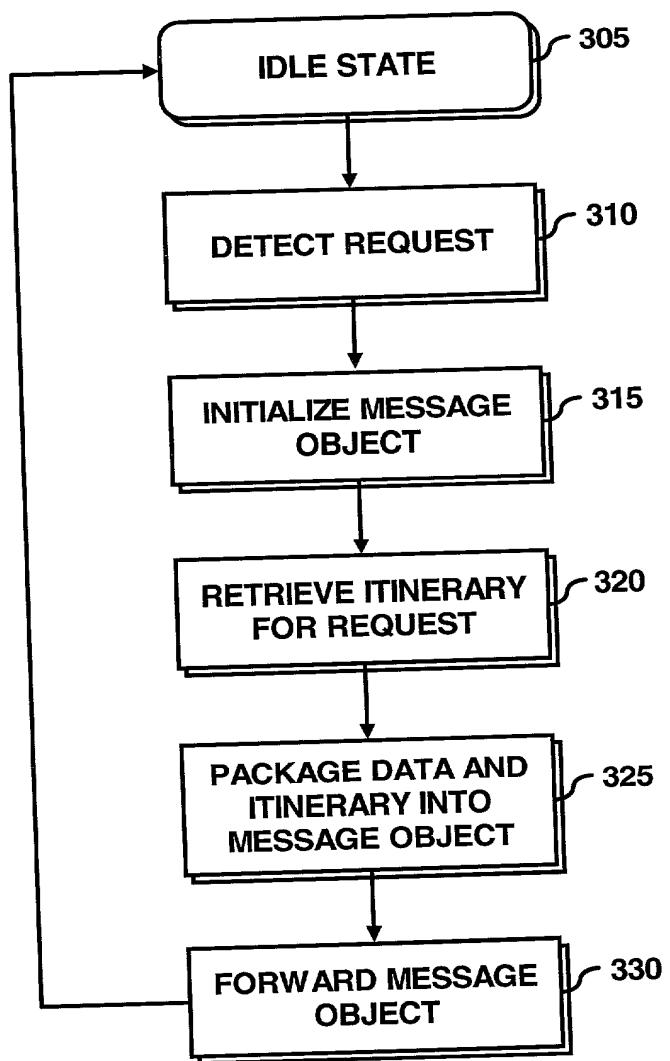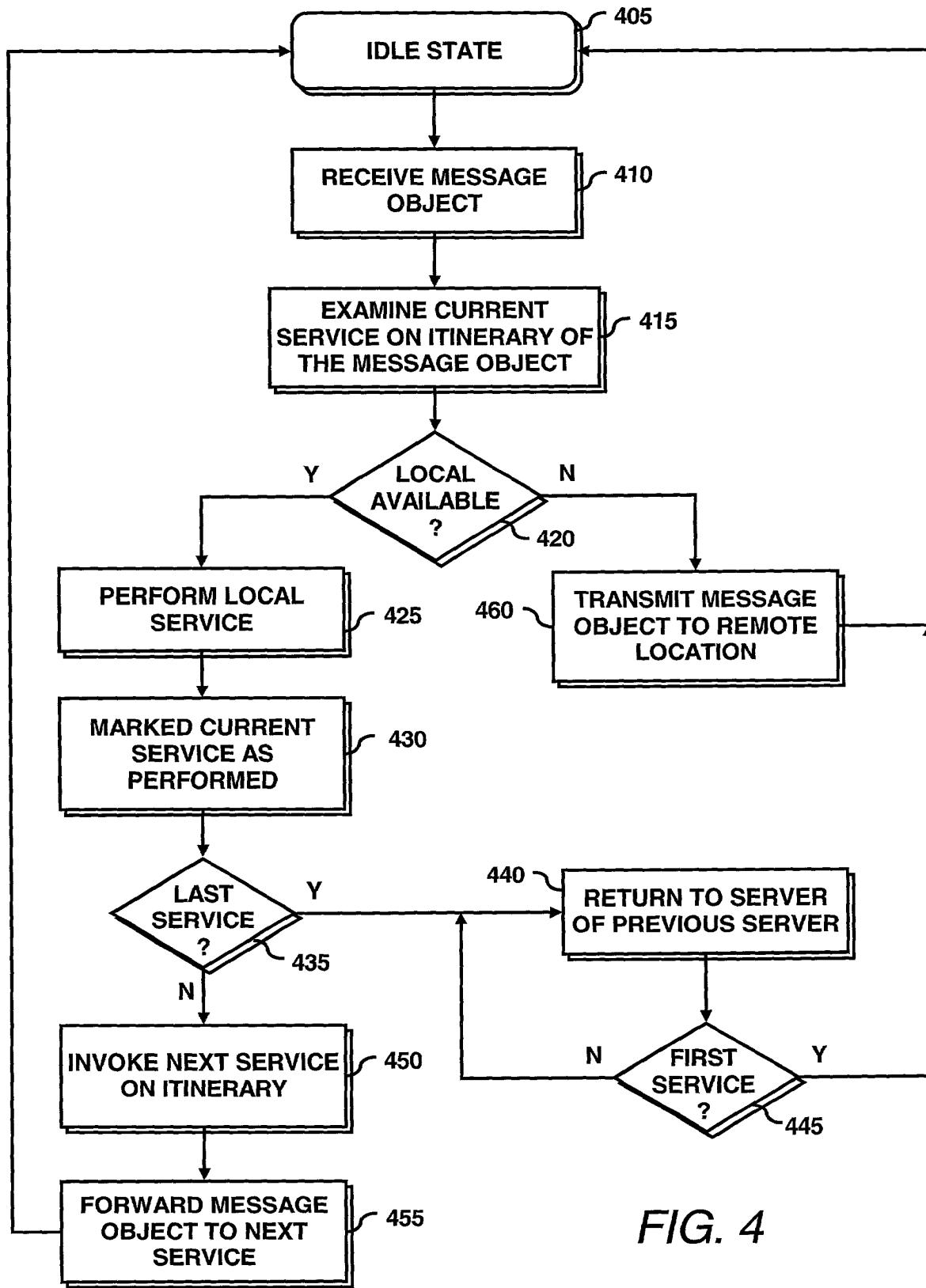Todd LAGIMONIER et al.
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IDLE STATE — 405

RECEIVE MESSAGE OBJECT — 410

EXAMINE CURRENT SERVICE ON ITINERARY OF THE MESSAGE OBJECT — 415

LOCAL AVAILABLE ? — 420

Y → PERFORM LOCAL SERVICE — 425

N → 460 — TRANSMIT MESSAGE OBJECT TO REMOTE LOCATION

MARKED CURRENT SERVICE AS PERFORMED — 430

LAST SERVICE ? — 435

Y → 440 — RETURN TO SERVER OF PREVIOUS SERVER

N → INVOKE NEXT SERVICE ON ITINERARY — 450

FIRST SERVICE ? — 445

FORWARD MESSAGE OBJECT TO NEXT SERVICE — 455

FIG. 4

SYSTEM FOR OPTIMIZING THE INVOCATION
OF COMPUTER-BASED SERVICES DEPLOYED
IN A DISTRIBUTED COMPUTING ENVIRONMENT
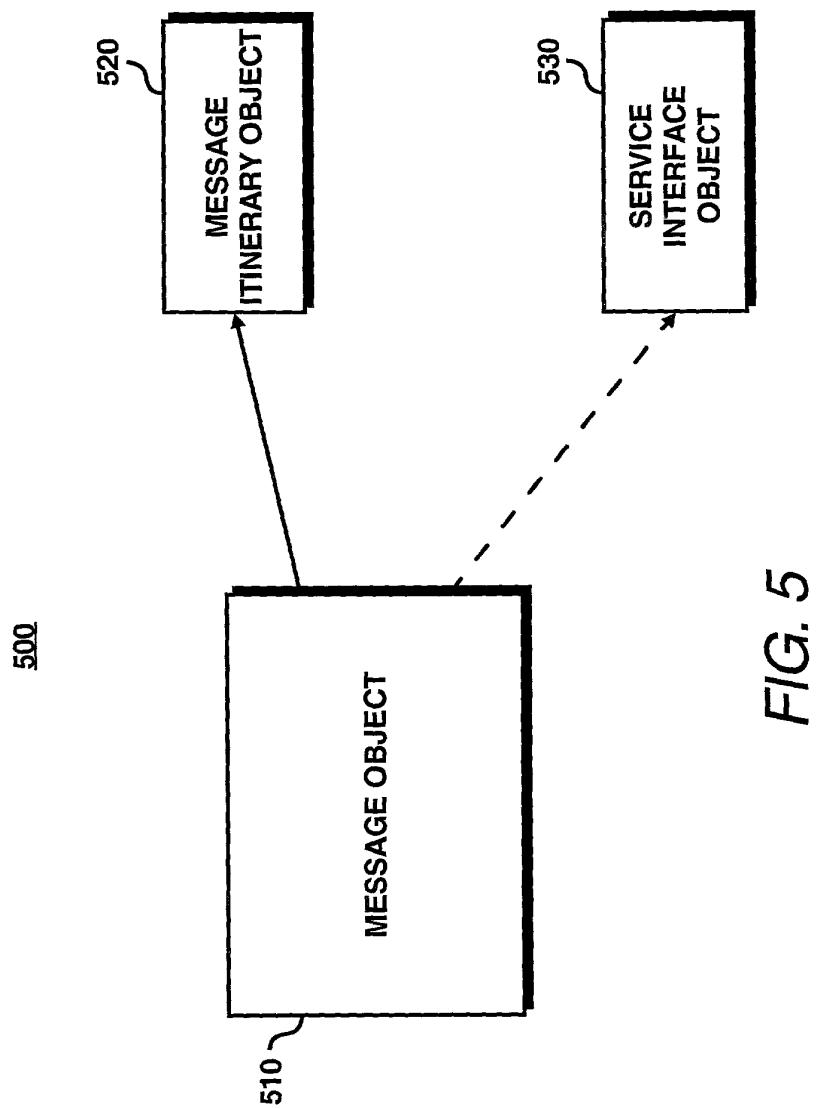Todd LAGIMONIER et al.
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FIG. 5

SYSTEM FOR OPTIMIZING THE INVOCATION
OF COMPUTER-BASED SERVICES DEPLOYED
IN A DISTRIBUTED COMPUTING ENVIRONMENT
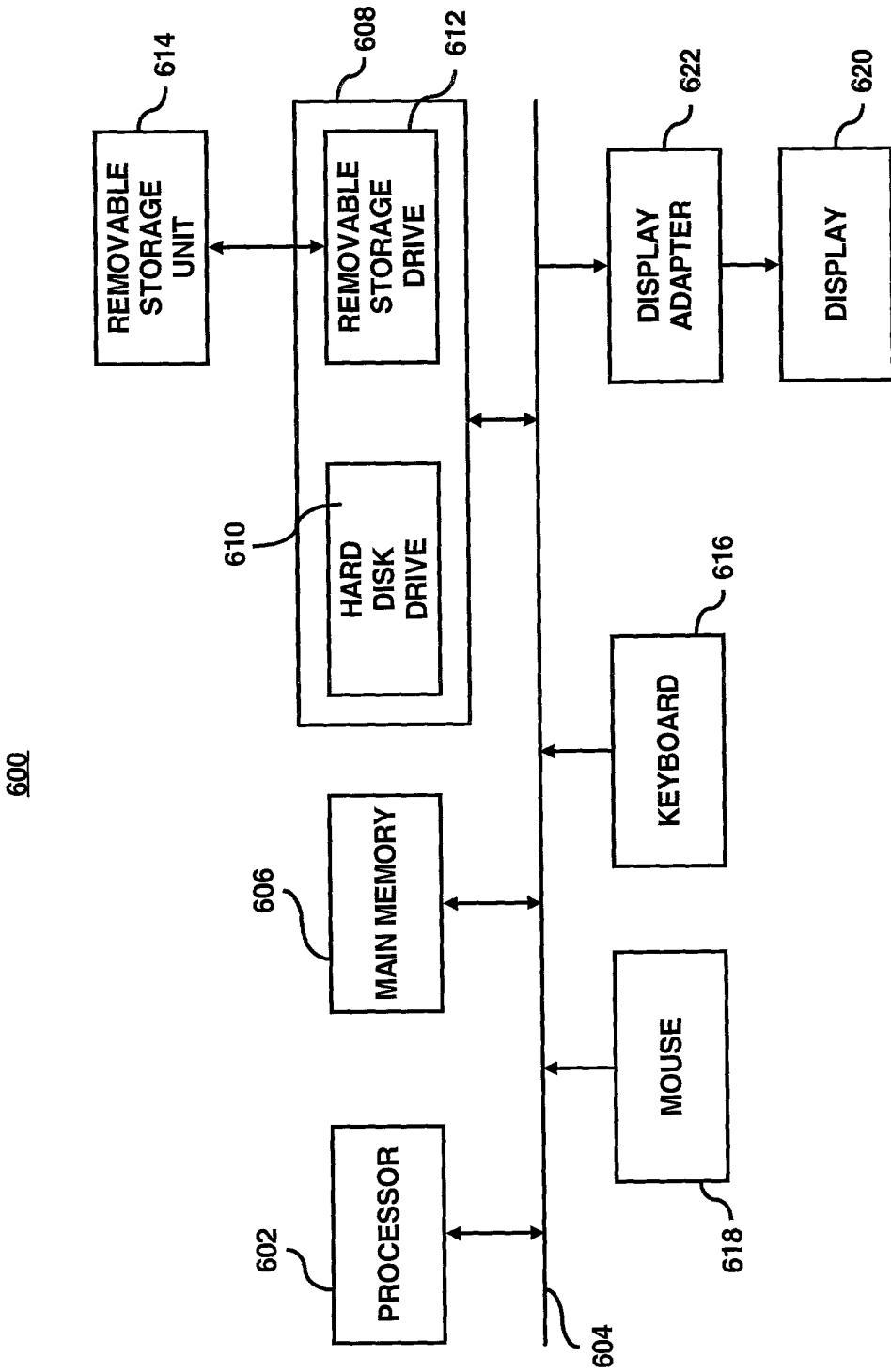Todd LAGIMONIER et al.
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FIG. 6